

Title (en)

METHOD FOR GENERATING CONTROL DATA FOR MULTICOLOUR THERMAL DIRECT PRINTING

Title (de)

VERFAHREN ZUR ERSTELLUNG VON STEUERDATEN ZUM MEHRFARBIGEN THERMODIREKTDRUCK

Title (fr)

PROCÉDÉ DE GÉNÉRATION DES DONNÉES DE COMMANDE DESTINÉ À L'IMPRESSION DIRECTE THERMIQUE MULTICOLORE

Publication

EP 4023448 B1 20240605 (DE)

Application

EP 20218029 A 20201231

Priority

EP 20218029 A 20201231

Abstract (en)

[origin: US2022203703A1] A direct thermal printer prints on direct thermal printing paper, which has a thermo-reactive layer that can form two colors. A first color is formed at a first temperature, and a second at a second temperature, higher than the first. A printhead of the printer has heat sources arranged transversely to a paper path. Image data of an original image having at least the first color and the second color may be received. Control data may be created for the direct thermal printer for two-color printing of a print image. The control data has a plurality of print lines, and causes, for each print line for each heat source, either heating of the heat source to a printing temperature or no heating of the respectively heat source.

IPC 8 full level

B41J 2/32 (2006.01); **B41J 2/36** (2006.01)

CPC (source: EP US)

B41J 2/32 (2013.01 - EP); **B41J 2/325** (2013.01 - US); **B41J 2/355** (2013.01 - EP US); **B41J 3/60** (2013.01 - US)

Citation (examination)

- US 2016257130 A1 20160908 - AOYAGI NAOHIKO [JP]
- EP 1910086 B1 20121219 - ZINK IMAGING INC [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4023448 A1 20220706; **EP 4023448 B1 20240605**; US 2022203703 A1 20220630

DOCDB simple family (application)

EP 20218029 A 20201231; US 202117557155 A 20211221